

Heason

We know motion ...

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Heason's Core Products

- [Gears & Gear Systems](#)
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Design Details For Harsh Environments

Linear motion systems are exposed to a range of extreme industrial environments. Careful specification and selection of motion system components, as well as a thoughtful engineering review can mitigate risks in harsh industrial conditions.



A critical step in designing any mechanical linear motion system is to understand the environmental conditions under which the system will operate.

Key design considerations include:

- Temperatures
- Dust and dirt levels
- Chemical exposure
- Washdown processes
- Vibration and shock load
- Radiation

as well as any other pertinent environmental factors that may be encountered by the motion system.

Click here to read more or call a member of our team on + 44 (0) 1403 792 300

- **Piezo Ceramic Motors**
- **Manual Stages**
- **Position Sensors**
- **Slip Rings**

Sales Enquires

If you have an enquiry or need to discuss an application with one of our Sales Engineers, please call our sales team on +44 (0) 1403 792 320.

Social Media

Follow us on [Twitter!](#)

Like us on [Facebook!](#)

Onsite Product Demo's

Heason are running product demos so you have a chance to try before you buy! For more information contact one of our Sales Engineers on +44 (0)1403 792 320.

Exhibition Schedule

Science, Technology & Innovation Exhibition,
Harwell 14 May 2015:
Stand A18

Manufacturing & Engineering Exhibition,
Newcastle 8-9 July 2015:
Stand E1

SPE Oil and Gas Exhibition, AECC
Aberdeen, 8-11 Sept
2015: Stand 2E61

DSEI Show, Excel
London 15-18 Sept 2015:
Stand S2 - 300

Engineering Design Show, Coventry 21-22
Oct 2015: Stand D50

Focused - In Flight



Focusing an optronic device generally presents a set of challenges based on the desired resolution and operating conditions.

Focusing an optronic device, in-flight, presents a completely different set of challenges.

The process of moving a lens to a precise location

and holding position, while subjected to shock/vibration, temperature variations and changing orientation dictates the use of a direct drive motor with a very high natural frequency and fast response time.

As flight applications restrict the size and weight of a device, motion modules with traditional motors and drive screws suffer from compromised performance and limited life. The ability to configure small modules with a direct drive piezo motor offers the ability to optimize size, weight and power, yielding performance and operational life well beyond conventional technology.

Click here for more information on the Edge-4X motor from Heason Technology, or call +44 (0) 1403 792 300 to discuss your requirements with a member of the team.

AKM Washdown Servo Motors

Kollmorgen's **AKM™ "Washdown Food Grade" servo motors** are available from Heason Technology.

Combined with a high performance AKM™ gear motors and efficiency-optimised angular gearbox, "Washdown Food Grade" servo motors deliver a standardised motor-gear solution in a single, compact package. This advanced level of integration allows for successful implementation in most transport and turning applications in the food and beverage industries as well in downstream packaging.



Powerful, ready to install, washable: These are the three main advantages of the ready-to-install motor-gear unit in the Hygienic Design.

Drives and Controls Show, NEC Birmingham
12-14 Apr 2016: Stand D192

Keep a look out for all forthcoming exhibitions on our dedicated **Exhibition page!**

You can achieve significantly reduced cleaning times as a consequence of smoother and water-repellent surfaces, lower energy costs thanks to the highly efficient motor-drive combination, and simplified machine design possibilities due to space-saving assembly without additional stainless steel housing.

Click here for more information or call **+44 (0) 1403 792 300** to speak to a member of the team.

Spinea TwinSpin Catalogue



The very latest **2015 Spinea TwinSpin Catalogue** is now available from Heason.

Spinea Zero Backlash Gears and Actuators from Heason are fully detailed on our **website**.

To view a copy of the catalogue online **click here** or call our office on **+44 (0) 1403 792 300** to discuss your precision rotary motion requirements.

Choose Heason!

Heason Technology is your partner for motion control products and solutions. We can offer you:

- Comprehensive Portfolio of Motion Components from leading global brands
- A highly experienced Engineering team
- Wide service offerings from components to “Turn-Key” Solutions
- Cost effective and competitive pricing
- World class support

Give the team a call today on +44 (0) 1403 792 300.

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